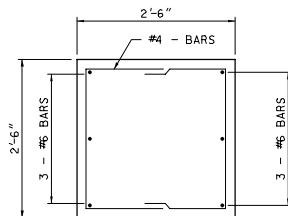


ELEVATION
ALTERNATE 1

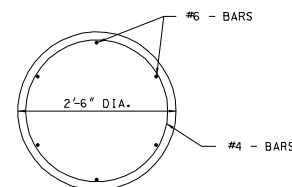
SECTION C-C

ELEVATION
ALTERNATE 2



SECTION D-D

CONCRETE MEDIAN BARRIER AND FOUNDATION DESIGN FOR TYPE MB LIGHT POLE



SECTION E-E

GENERAL NOTES:
ALL FOUNDATIONS SHALL INCLUDE 4 ANCHOR BOLTS AND NUTS PLACED AS SHOWN.
ALL ANCHOR BOLTS SHALL BE FULLY GALVANIZED 1-1/4" DIA. HIGH STRENGTH ANCHOR BOLTS.
TONGUE AND GROOVE REQUIRED ON MEDIAN BARRIER SECTION FOR TYPE MB POLES WHEN ADJACENT MEDIAN BARRIER IS PRECAST. FOR DETAILS, SEE STANDARD PLANS.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
HIGHWAY LIGHTING			
POLES, FOUNDATIONS & APPURTENANCES FOR 45' MOUNTING HEIGHT			
DATE: _____	EFFECTIVE: 04-01-2002	901.01AA	2/3



QUANTITIES		
	CONC.	REINF.
HEIGHT	CU. YD.	LBS.
6'-0"	.70	80
7'-0"	.81	90
8'-0"	.93	104
9'-0"	1.05	120



- ① GRIND WELD AS NECESSARY TO CLEAR BOLT HEAD.
- ② FOUNDATIONS SHALL BE INSTALLED SO THAT CONNECTOR PLATES ARE LEVEL PERPENDICULAR TO THE BRACKET ARM AND SLOPED FOR POLE RAKING PARALLEL TO THE BRACKET ARM.
- ③ PILE LENGTHS FOR STEEL PILE FOUNDATIONS:
- | AT-45
DESIGN NO. | PILE LENGTH |
|---------------------|-------------|
| 4 & 5 | 8'-0" |
| 2 & 3 | 9'-0" |
| 1 | 10'-0" |
- ④ AT THE OPTION OF THE CONTRACTOR THE CONCRETE FOUNDATIONS MAY BE PRECAST. IF PRECAST, THEY SHALL BE SET IN DRILLED HOLES 3 FEET IN DIAMETER AND 6 INCHES DEEPER THAN THE BOTTOM OF THE CONCRETE FOUNDATION. THE BOTTOM 6 INCHES OF THE HOLE AND THE REMAINING SPACE AROUND THE FOUNDATION SHALL BE BACKFILLED WITH WET TAMPAED LIMESTONE SCREENINGS IN LAYERS NOT EXCEEDING 12 INCHES.

GENERAL NOTES:
ALL CLASSIFICATIONS ARE ASTM UNLESS OTHERWISE NOTED. SEE STANDARD SPECIFICATIONS FOR CLASSIFICATIONS NOT SHOWN.
ALL BOLT CIRCLES FOR 45 FOOT MOUNTING HEIGHT SHALL BE 17-1/4 INCHES.
ALL CONNECTOR PLATE AND CLOSURE PLATE THICKNESSES SHOWN ARE MINIMUM DIMENSIONS.
ALL ANCHOR BOLTS SHALL BE FULLY GALVANIZED 1-1/4" DIA. HIGH STRENGTH ANCHOR BOLTS.
ALL STEEL COMPONENTS SHALL BE HOT DIP GALVANIZED.

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

HIGHWAY LIGHTING
POLES, FOUNDATIONS
& APPURTENANCES
FOR 45' MOUNTING HEIGHT

DATE: _____ EFFECTIVE: 04-01-2002 901.01AA $\frac{3}{3}$